

ABSTRACT OF THE DISCLOSURE

The present invention provides a computer-implemented system and method of text processing. The system and method include analyzing selected text units of a digitally coded parsed text file to determine text entities, determine the interconnections between the text entities, test the validity of the text entities, and determine a quantitative measure of the significance of each text entity. A multigranular relational text structure is constructed which incorporates the text entities. Output text is generated from the relational text structure using entity grouping rules. The text file is parsed using a system of natural dividers. The text units are selected from the parsed text file using windowing and scanning. The output text generated conforms to user constraints which can include the volume of output text to be generated, keywords to be reflected in the output text, and the level of generalization of the output text.

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